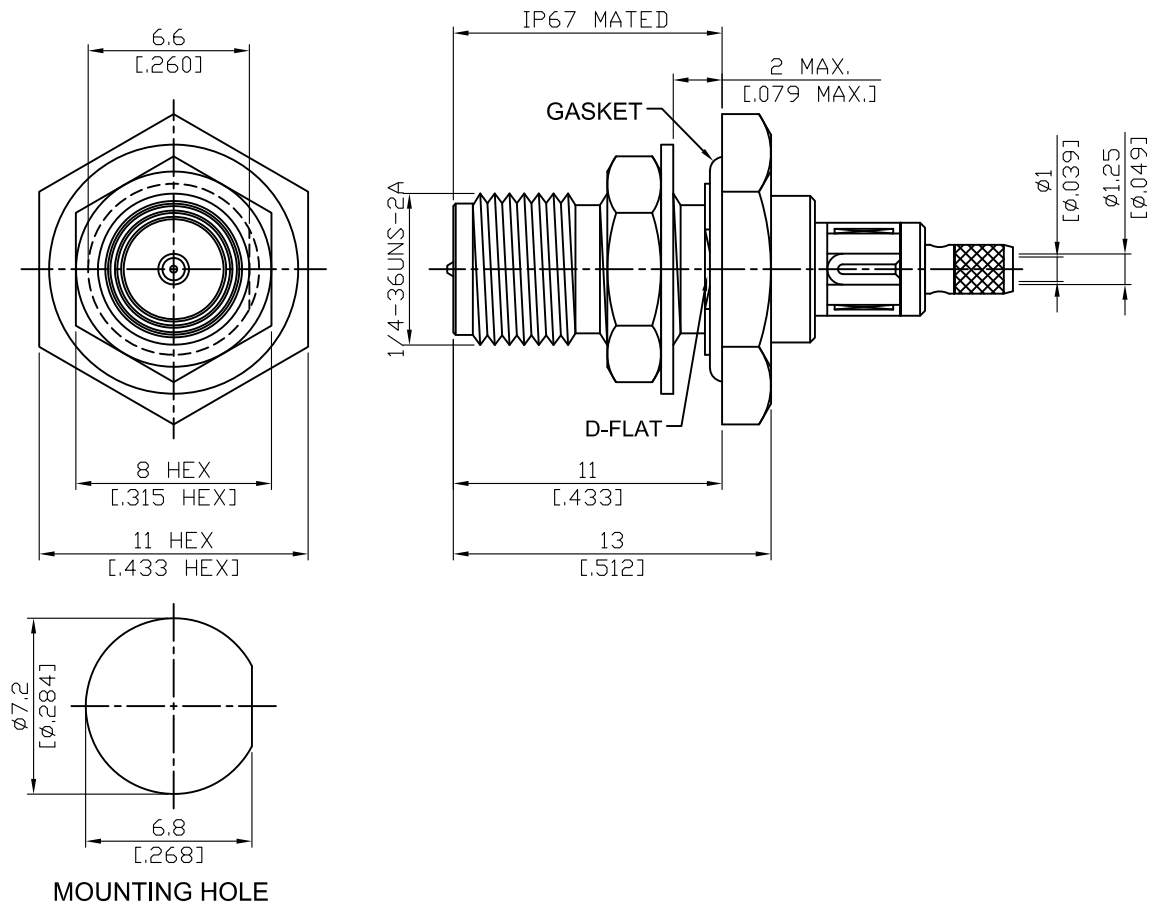


SMA9105-1.13

SMA Reverse Polarity Jack Crimp Bulkhead,
IP67 Mated, For 1.13mm; 6GHz VSWR 1.25 50Ω



Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicone	
Hex Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Lock Washer	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Suitable Cables: 1.13mm

This part number complies with RoHS.

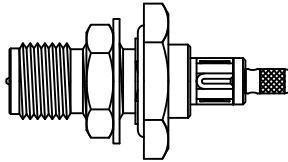
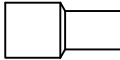
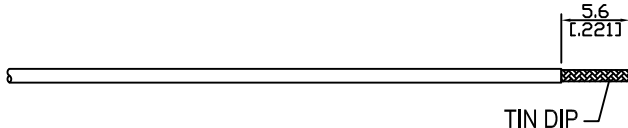
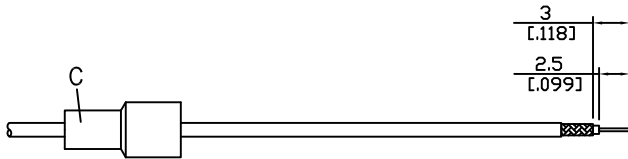
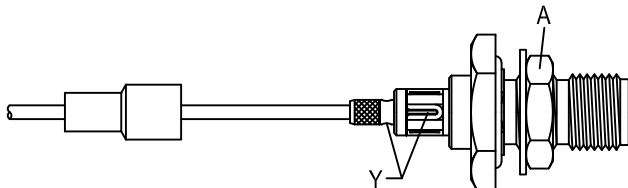
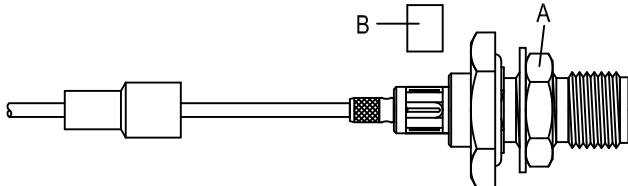
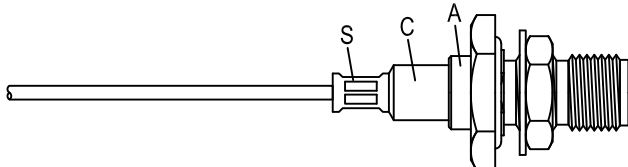
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA9105-1.13														
Interface Per JYEBAO SMA Reverse Polarity Jack derived from MIL-STD-348B.															
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 6GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.25 (DC to 6GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.04 x √f(GHz) dB</td></tr> <tr> <td>Insulation resistance</td><td>≥ 5000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤ 3mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤ 2mΩ</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 6GHz	VSWR	≤ 1.25 (DC to 6GHz)	Insertion loss	≤ 0.04 x √f(GHz) dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 3mΩ	Contact resistance outer conductor	≤ 2mΩ
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA9105-1.13		DATE	2016/12/27	REV	—
A		B	C		
					
BODY + GASKET + WASHER + HEX NUT		COVER	FERRULE		
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN. Step 2: TIN DIP BRAID.			
		Step 3: SLIDE FERRULE "C" OVER CABLE . Step 4: STRIP AS SHOWN.			
		Step 5: INSERT CABLE'S CENTER CONDUCTOR INTO CONNECTOR BODY "A" AND SOLDER IN "Y".			
		Step 4: PUT COVER "B" ON BODY "A".			
		Step 5: SLIDE FERRULE "C" TOWARDS THE CONNECTOR "A" AND CRIMP IN "S". (USE 2.7mm/0.106inch HEX SECTION OF INSERT-A)			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMA9105-1.13

S11

